

CLAIMS:

What is claimed is:

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A 1
- 5 1. A method in a data processing system for managing cookies, the method comprising:
receiving a request to accept a cookie;
accepting the cookie; and
storing the cookie only in a temporary data store within the data processing system.
- 10 2. The method of claim 1 further comprising:
storing the cookie in a persistent storage in response to a user input indicating the cookie should be saved.
- 15 3. The method of claim 1, wherein the receiving, accepting, and storing steps are performed in a browser executing on the data processing system.
- 20 4. The method of claim 3 further comprising:
discarding the cookie when the browser terminates execution.
- 25 5. The method of claim 1 further comprising:
presenting a list of unsaved cookies; and
selectively saving cookies within the list of unsaved cookies in response to a user input as to which of the cookies are to be saved.
- 30 6. The method of claim 5, wherein the presenting step and selectively saving step are initiated when a browser session terminates.
7. The method of claim 5, wherein the presenting step

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and selectively saving step are initiated in response to a user input.

8. The method of claim 1, wherein the temporary data
5 store is one of a random access memory or a temporary file on a hard disk drive.

9. A method in a data processing system for managing cookies, the method comprising:
10 receiving a cookie during a browser program session;
storing the cookie in a temporary data store within the data processing system only for a duration of the browser program session; and
discarding the cookie after the browser program
15 session terminates.

10. The method of claim 9 further comprising:
storing the cookie in a cookie file instead of
discarding the cookie if a user input indicates that the
20 cookie is to be retained.

11. The method of claim 1, wherein the temporary data store is a random access memory.

25 12. The method of claim 9 further comprising:
presenting a list of cookies received; and
selectively saving a particular cookie within the list of cookies in response to a user input indicating the particular cookie is to be retained.

30 13. The method of claim 12, wherein the presenting step is activated in response to a signal to terminate the browser program session.

14. A method for managing cookies in a data processing system, the method comprising:

- 5 accepting and accumulating cookies without immediately saving the cookies during a session; and selectively saving the cookies accumulated during the session.

15. A data processing system comprising:

- 10 a bus system;
a communications unit connected to the bus system;
a memory connected to the bus system, wherein the memory includes a set of instructions; and
a processing unit connected to the bus system,
15 wherein the processing unit executes the set of instructions to receive a request to accept a cookie; accept the cookie; and store the cookie only in a temporary data store within the data processing system.

20 16. A data processing system comprising:

- a bus system;
a communications unit connected to the bus system;
a memory connected to the bus system, wherein the memory includes a set of instructions; and
25 a processing unit connected to the bus system, wherein the processing unit executes the set of instructions to receive a cookie during a browser program session; store the cookie in a temporary data store within the data processing system only for a duration of
30 the browser program session; and discard the cookie after the browser program session terminates.

17. A data processing system for managing cookies, the

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data processing system comprising:

receiving means for receiving a request to accept a cookie;

accepting means for accepting the cookie; and

5 storing means for storing the cookie only in a temporary data store within the data processing system.

10 18. The data processing system of claim 17, wherein the storing means is a first storing means and further comprising:

second storing means for storing the cookie in a persistent storage in response to a user input indicating the cookie should be saved.

15 19. The data processing system of claim 17, wherein the receiving, accepting, and storing means are performed in a browser executing on the data processing system.

20 20. The data processing system of claim 19 further comprising:

discarding means for discarding the cookie when the browser terminated execution.

25 21. The data processing system of claim 17 further comprising:

presenting means for presenting a list of unsaved cookies; and

30 selectively saving means for selectively saving cookies within the list of unsaved cookies in response to a user input as to which of the cookies are to be saved.

22. The data processing system of claim 21, wherein the presenting means and selectively saving means are

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initiated when a browser session terminates.

23. The data processing system of claim 21, wherein the
presenting means and selectively saving means are
5 initiated in response to a user input.

24. The data processing system of claim 17, wherein the
temporary data store is one of a random access memory or
a temporary file on a hard disk drive.

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25. A data processing system for managing cookies, the
data processing system comprising:

receiving means for receiving a cookie during a
browser program session;

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storing means for storing the cookie in a temporary
data store within the data processing system only for a
duration of the browser program session; and

discarding means for discarding the cookie after the
browser program session terminates.

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26. The data processing system of claim 25, wherein the
storing means is a first storing means further
comprising:

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second storing means for storing the cookie in a
cookie file instead of discarding the cookie if a user
input indicates that the cookie is to be retained.

27. The data processing system of claim 25, wherein the
temporary data store is a random access memory.

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28. The data processing system of claim 25 further
comprising:

presenting means for presenting a list of cookies

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received; and

selectively saving means for selectively saving a particular cookie within the list of cookies in response to a user input indicating the particular cookie is to be retained.

29. The data processing system of claim 28, wherein the presenting means is activated in response to a signal to terminate the browser program session.

30. A data processing system for managing cookies in a data processing system, the data processing system comprising:

accepting means for accepting and accumulating cookies without immediately saving the cookies during a session; and

selectively saving means for selectively saving the cookies accumulated during the session.

31. A computer program product in a computer readable medium for managing cookies, the computer program product comprising:

first instructions for receiving a request to accept a cookie;

second instructions for accepting the cookie; and
third instructions for storing the cookie only in a temporary data store within the data processing system.

32. A computer program product in a computer readable medium for managing cookies, the computer program product comprising:

first instructions for receiving a cookie during a browser program session;

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second instructions for storing the cookie within the data processing system only for a duration of the browser program session; and

third instructions for discarding the cookie after
5 the browser program session terminates.

33. A computer program product in a computer readable medium for managing cookies in a data processing system, the computer program product comprising:

10 first instructions for accepting and accumulating cookies without immediately saving the cookies during a session; and

second instructions for selectively saving the cookies accumulated during the session.

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34. A method in a data processing system for managing cookies during a browser session on a client enabled to be communicatively connected to a plurality of servers over a network, the method comprising:

20 receiving at least one request to accept at least one cookie during the browser session;

accepting each of the at least one cookie;

25 storing, initially, each of the at least one cookie exclusively in a temporary data store within the data processing system;

displaying, in response to a signal to terminate the browser session, a list of cookies temporarily stored during the browser session; and

30 storing at least one selected cookie in persistent storage in response to user input of a selection from the displayed list.

35. A data processing system running a browser program

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enabled to be communicatively connected to a plurality of servers over a network, the data processing system comprising:

5 means for receiving at least one request to accept a cookie during a browser session;

means for accepting each of the at least one cookie; a temporary store for initially exclusively storing each of the at least one cookie;

10 means for displaying, in response to a signal to terminate the browser session, a list of cookies temporarily stored during the browser session; and

means for storing at least one selected cookie in persistent storage in response to user input of a selection from the displayed list.

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36. A computer program having computer readable instruction means on a computer usable medium for managing cookies during a communication session with at least one of a plurality of servers over a network,

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comprising:

instruction means for enabling receipt of at least one request to accept a cookie during the browser session;

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instruction means for enabling acceptance of each of the at least one cookie;

instructions means for storing, initially, each of the at least one cookie exclusively in a temporary data store within the data processing system;

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instructions means for enabling a display, in response to a signal to terminate the browser session, of a list of cookies temporarily stored during the browser session; and

instruction means for storing at least one selected

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